

IN THE CLAIMS:

1. (Currently Amended) A method comprising:

using a camera unit to acquire a raw visual light image that contains a written uniform resource locator,

converting the raw visual light image to an electronic image,

having a mobile device locate and recognize glyphs of at least one particular standardized set of uniform resource locator characters in the electronic image, using the said characters as a flag to provide a location of the rest of the uniform resource locator, wherein the glyphs include "http" or "www";

zooming in on the uniform resource locator after having the mobile device locate the uniform resource locator;

attempting to extract remaining parts of the uniform resource locator from the electronic image after locating and recognizing the glyphs ~~which include "http" or "www";~~

sending the results of the extraction attempt in a request signal to a web server in order to access an internet site,

processing a reply from the web server, and

presenting the internet site.

~~wherein the method further comprises zooming in on the uniform resource locator, before the extraction attempt, but after locating and recognizing the glyphs.~~

2. (Previously Presented) The method of claim 1, further comprising:

approximating an angle between a plane of at least one of the glyphs and a plane perpendicular to a line of sight from the camera; and

compensating for said angle before attempting extraction of remaining parts of the uniform resource locator.

3. (Original) The method of claim 1, wherein the camera is a video or still camera for capturing arbitrary scenes.
4. (Previously Presented) The method of claim 2, wherein the certain character is the letter "o."
5. (Previously Presented) The method of claim 1, wherein extracting the uniform resource locator is performed at least partly via a telecommunications network.
6. (Previously Presented) The method of claim 1, further comprising manually amending the results if the results are different from the written uniform resource locator.
7. (Previously Presented) The method of claim 1, further comprising:
 - selecting a portion of the electronic image containing the written uniform resource locator, if the results are ~~URL~~ is different from the written uniform resource locator,
 - extracting a more accurate uniform resource locator from the portion of the electronic image,
 - sending the more accurate uniform resource locator to a corresponding web server,
 - processing a further reply from the corresponding web server,
 - displaying a desired web site accessed via the corresponding web server in response to the more accurate uniform resource locator.
8. CANCEL.
9. CANCEL.

10. (Previously Presented) The method of claim 1, further comprising performing the extracting, sending, and processing steps again, if the reply indicated an invalid uniform resource locator.
11. (Previously Presented) The method of claim 10, wherein the performing is performed by a different computer having a greater capacity.
12. (Previously Presented) The method of claim 1, wherein the attempt also yields at least one alternate uniform resource locator that will be tried if the extractable uniform resource locator turns out to be invalid.
13. (Previously Presented) The method of claim 7, wherein the step of selecting the portion of the electronic image is performed manually using a stylus.
14. CANCEL.
15. (Currently Amended) A system comprising:
- a camera, responsive to a raw visual light image that contains a written uniform resource locator, the camera being configured to provide an electronic image signal indicative of the raw visual light image;
 - a uniform resource locator extraction device, responsive to the electronic image signal, the extraction device being configured to find and recognize glyphs of at least one particular standardized set of uniform resource locator characters in the electronic image using said characters as a flag to locate the rest of the uniform resource locator, said characters including “http” or “www”;
 - wherein the camera is further configured to zoom in on the uniform resource locator after the uniform resource locator extraction device has found the uniform resource locator;

wherein said extraction device is also being configured to provide a uniform resource locator request signal indicative of results of attempting to extract remaining parts of the uniform resource locator that are extracted from the electronic image signal after finding and recognizing the glyphs, ~~said glyphs including "http" or "www";~~

wherein the system further comprises an internet interface, responsive to the uniform resource locator request signal, the internet interface being configured to provide a web site signal indicative of an internet site accessed via the internet; and

wherein the system further comprises a display, responsive to the web site signal, for presenting the internet site.

~~wherein the camera is further configured to zoom in on the uniform resource locator before the attempted extraction, but after the finding and recognition of the glyphs.~~

16. (Previously Presented) The system of claim 15, wherein the uniform resource locator extraction means is also for using a glyph of a certain character to approximate an angle between a plane of said glyph of the certain character and a plane perpendicular to a line of sight from the camera, and compensating for said angle before attempting recognition of remaining parts of the extractable uniform resource locator.

17. CANCEL.

18. CANCEL

19. CANCEL

20. CANCEL

21. (Previously Presented) The system of claim 16, further comprised of an editing tool, for manually amending the results if they are different from the written uniform resource locator.

22. CANCEL.

23. (Currently Amended) A mobile device comprising:

an initiation device, configured to send an instruction to obtain a raw visual light image which includes glyphs of at least one standardized set of uniform resource locator characters, including "http" or "www," wherein the characters are used as a flag to provide a location of the rest of the uniform resource locator;

a camera, responsive to the instruction from the initiation device, the camera being configured to receive the raw visual light image and configured to provide an electronic image signal indicative of the raw visual light image, and the camera being further configured to zoom in on the uniform resource locator after locating the uniform resource locator;

a display, responsive to a web site signal indicative of an internet site accessed by attempting to extract a uniform resource locator from the raw visual light image, wherein the attempt ~~is~~ occurs after the mobile device locates and recognizes the glyphs; and

an internet interface, configured to provide the web site signal to the display after communicating with the internet.

~~wherein the camera is further configured to zoom in on the uniform resource locator before the attempted extraction, but after the recognition of the glyphs.~~

24. (Previously Presented) The mobile device of claim 23, wherein the mobile device is also configured to use one of the glyphs for approximating an angle between a plane of said glyph and a plane perpendicular to a line of sight from the camera, and and configured to compensate for said angle.

25. (Previously Presented) The mobile device of claim 23, wherein the camera is a video or still camera for capturing arbitrary scenes.

26. (Previously Presented) The mobile device of claim 24, wherein the one of the glyphs is the letter "o."

27. (Previously Presented) The mobile device of claim 23, further comprising a uniform resource locator extraction device that is responsive to the electronic image signal provided by the camera, the uniform resource locator extraction device being configured to find the glyphs, and configured to process the electronic image signal, and configured to provide a uniform resource locator request signal to the internet interface;

wherein the internet interface is responsive to the uniform resource locator request signal, and is configured to provide the web site signal after communicating with the internet.

28. (Previously Presented) The mobile device of claim 23, wherein the internet interface is responsive to the electronic image signal, and is configured to process the electronic image signal by conveying the electronic image signal to an internet extraction site.

29. (Previously Presented) The mobile device of claim 23, wherein the initiation device is configured to give the user an option to make a bookmark for the uniform resource locator, and wherein the mobile device is configured to obtain the web site signal when the bookmark is retrieved.

30. (Previously Presented) The mobile device of claim 23, further comprised of an editing means, for manually amending the results of attempting to extract the uniform resource locator if the results are different from the written uniform resource locator.

31. (Previously Presented) The mobile device of claim 23, further comprising an image selection device, responsive to user input and responsive to the electronic image signal, configured to provide an image portion signal indicative of a portion of the electronic image where the written uniform resource locator is depicted; and

wherein the mobile device is configured to process the image portion signal to obtain the web site signal from the internet interface.

32. CANCEL.

33. (Previously Presented) The mobile device of claim 31, wherein the image selection device includes a stylus for selecting the portion of the electronic image where the written uniform resource locator is depicted.

34. CANCEL.

35. (Original) A computer-readable medium or media, encoded with a data structure for performing the method of claim 1.

36. CANCEL.

37. CANCEL.

38. CANCEL.

39. CANCEL.

40. CANCEL.

41. CANCEL.

42. (Currently Amended) An apparatus comprising:

~~an initiation device, configured to send~~ means for sending an instruction to obtain a raw visual light image which includes glyphs of at least one standardized set of uniform resource locator characters, including “http” or “www,” wherein the characters are used as a flag to provide a location of the rest of the uniform resource locator;

~~a camera means, responsive to the instruction from the initiation device, the camera being configured to receive~~ for receiving the raw visual light image and ~~configured to provide~~ for providing an electronic image signal indicative of the raw visual light image, and also for zooming in on the uniform resource locator after locating the uniform resource locator;

~~a display~~ means for displaying, responsive to a web site signal indicative of an internet site accessed by attempting to extract a uniform resource locator from the raw visual light image, wherein the attempt ~~is~~ occurs after ~~the apparatus locates and recognizes~~ locating and recognizing the glyphs; and

~~an internet interface, configured to provide~~ means for providing the web site signal to the ~~display~~ menas for displaying, after communicating with the internet.

~~wherein the camera is further configured to zoom in on the uniform resource locator before the attempted extraction, but after the recognition of the glyphs.~~

43. (Previously Presented) The apparatus of claim 42, wherein the apparatus is also configured to use at least one of the glyphs to approximate an angle between a plane of said glyph and a plane perpendicular to a line of sight from the camera, and configured to compensate for said angle.

44. (Currently Amended) A software product for use in a mobile terminal, the software product comprising a computer readable medium having executable codes embedded therein; the codes, when executed, being adapted to carry out the functions of:

using a camera unit to acquire a raw visual light image that contains a written uniform resource locator,

converting the raw visual light image to an electronic image,

having a mobile device locate and recognize glyphs of at least one particular standardized set of uniform resource locator characters in the electronic image, using the said characters as a flag to provide a location of the rest of the uniform resource locator, wherein the glyphs include "http" or "www";

zooming in on the uniform resource locator after having the mobile device locate the uniform resource locator;

attempting to extract remaining parts of the uniform resource locator from the electronic image after locating and recognizing the glyphs ~~which include "http" or "www";~~

sending the results of the extraction attempt in a request signal to a web server in order to access an internet site,

processing a reply from the web server, and

presenting the internet site.

~~wherein the method further comprises zooming in on the uniform resource locator, before the extraction attempt, but after locating and recognizing the glyphs.~~

45. (Previously Presented) The software product of claim 44, wherein the functions further comprise:

approximating an angle between a plane of one of the glyphs and a plane perpendicular to a line of sight from the camera; and

compensating for said angle before attempting extraction of remaining parts of the uniform resource locator.